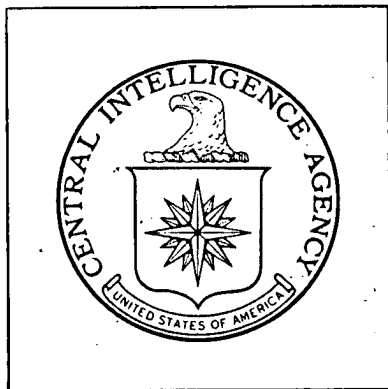


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**DIRECTORATE OF
INTELLIGENCE**

**Industrial Facilities
(Non-Military)**

Basic Imagery Interpretation Report

Major Electric Power Plants

Shantung Province, China

Top Secret

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RCS 13/0029/70

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DATE JANUARY 1970

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CENTRAL INTELLIGENCE AGENCY
Directorate of Intelligence
Imagery Analysis Service

ABSTRACT

This report, based on 1969 photography, updates the previous Basic Imagery Interpretation Briefs on four of the five major thermal electric power plants in Shantung Province, northern China. The fifth plant, the Tzu-po Thermal Power Plant, was seen in October 1969, but the quality of the photography precluded analysis of it. No construction or dismantling has been observed at the other four plants since the previous reports. They all appeared to be operating on the latest 1969 photography.

The cutoff date for information in this report is December 1969.

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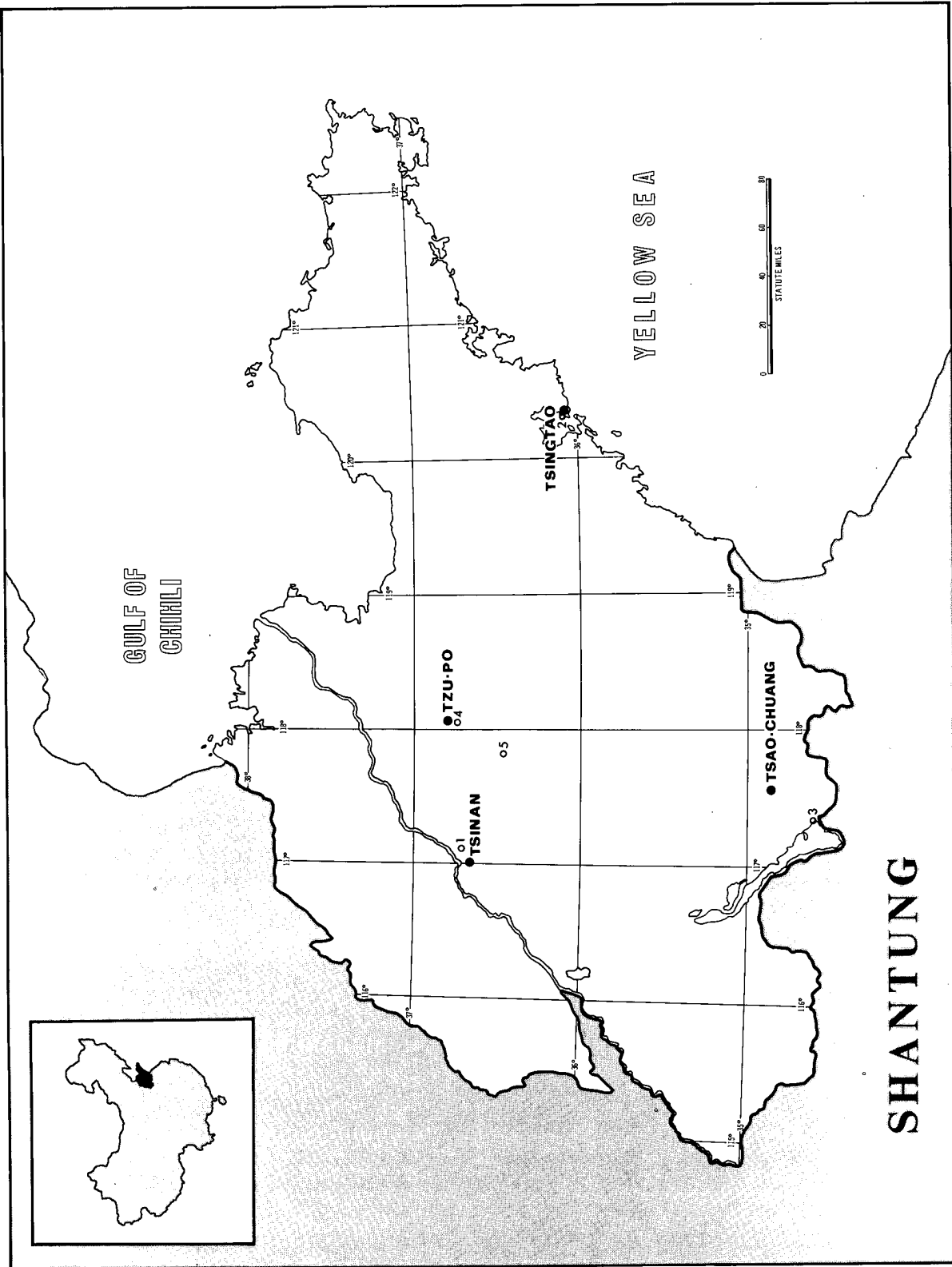


FIGURE 1. LOCATION MAP.

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INTRODUCTION

This report presents information on the current status of four of the five major thermal electric power plants in Shantung Province.

The following list of the major thermal electric power plants in Shantung Province is keyed to Figure 1.

1. Chi-nan (Tsinan) Thermal Power Plant Huang-tai
2. Ching-tao (Tsingtao) Thermal Power Plant Ssu-fang
3. Han-chuang Thermal Power Plant
4. Tzu-po Heat and Thermal Power Plant Nan-ting
5. Tzu-po Thermal Power Plant

Requirement

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INSTALLATION OR ACTIVITY NAME

COUNTRY

Chi-nan Thermal Power Plant Huang-tai

CH

UTM COORDINATES

GEOGRAPHIC COORDINATES

50SNR078625

36-42-26N 117-05-44E

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MAP REFERENCE

15th RTS. USATC, Series 200 Sheet MO381-21HL 3rd ed Jan 65 Scale 1:200,000
(SECRET)

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LATEST IMAGERY USED

NEGATION DATE (if required)

NA

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BASIC DESCRIPTION

No changes have been observed at the Chi-nan Thermal Power Plant since November 1967, the date of the latest photography used in the previous report.

The plant was in operation in December 1969. Heavy smoke was emanating from the stack and vapor from both cooling towers.

REFERENCES

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Document

CIA. BCS 13/0005/69, Chi-nan Thermal Power Plant (Huang-tai), August 1968,
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INSTALLATION OR ACTIVITY NAME		COUNTRY
Ching-tao Thermal Power Plant Ssu-fang		CH
UTM COORDINATES	GEOGRAPHIC COORDINATES	
51STK60099B	36-06-44N 120-20-01E	
MAP REFERENCE		
USN00. USATC, Series 200. Sheet M0381-24HL, 4th ed. Apr 68. Scale 1:200,000 (SECRET)		
LATEST IMAGERY USED		NEGATION DATE (If required)
		NA

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BASIC DESCRIPTION

No changes have been observed at the Ching-tao Thermal Power Plant since February 1968, the date of the latest photography used in the previous report.

The plant was in operation in December 1969. Heavy smoke was emanating from the two end stacks and light smoke from the middle stack.

REFERENCES

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Document

CIA. BCS 13/0011/69, Ching-tao Thermal Power Plant (Ssu-fang), September 1968,
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INSTALLATION OR ACTIVITY NAME		COUNTRY
Han-chuang Thermal Power Plant		CH
UTM COORDINATES	GEOGRAPHIC COORDINATES	25X1
50SNP335295	34-36-22N 117-21-52E	
MAP REFERENCE		
2nd RTS. USATC, Series 200, Sheet M0386-6HL, 2nd ed, Aug 65, Scale 1:200,000		
(SECRET)		25X1
LATEST IMAGERY USED		NEGATION DATE (If required)
		NA

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BASIC DESCRIPTION

No changes have been observed at the Han-chuang Thermal Power Plant since January 1968, the date of the latest photography used in the previous report.

The plant was operating in December 1969. Heavy smoke was emanating from the northern stack and light smoke from the southern stack.

REFERENCES

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Document

CIA. BCS 13/0039/69, Han-chuang Thermal Power Plant, September 1968,
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INSTALLATION OR ACTIVITY NAME		COUNTRY
Tzu-po Heat and Thermal Power Plant Nan-ting		CH
UTM COORDINATES	GEOGRAPHIC COORDINATES	
50SNR939711	36-47-20N 118-03-10E	
MAP REFERENCE		
548th RTS. USATC, Series 200, M0381-22HL, 4th ed, Jul 68, Scale 1:200,000		
(SECRET, [REDACTED])		
LATEST IMAGERY USED		NEGATION DATE (If required)
[REDACTED]		NA

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BASIC DESCRIPTION

No changes have been observed at the Tzu-po Heat and Thermal Power Plant since January 1968, the date of the latest photography used in the previous report.

The plant was operating in October 1969. Heavy smoke was emanating from both stacks and the spray ponds were in operation.

REFERENCES

25X1

Document

CIA. BCS 13/0057/69, Tzu-po Heat and Thermal Power Plant (Nan-ting), October 1968, [REDACTED] (TOP SECRET RUFF)

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INSTALLATION OR ACTIVITY NAME		COUNTRY
Tzu-po Thermal Power Plant		CH
UTM COORDINATES	GEOGRAPHIC COORDINATES	
50SNR760369	36-28-38N 117-51-04E	
MAP REFERENCE		
548th RTS. USATC, Series 200, M0381-22HL, 4th ed., Jul 68, Scale 1:200,000 (SECRET)		
LATEST IMAGERY USED		NEGATION DATE (If required)
		NA

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BASIC DESCRIPTION

The Tzu-po Thermal Power Plant has not been observed on interpretable photography since March 1966, the date of the latest photography used in the previous report.

REFERENCES

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Document

CIA. PIR 65144, Chinese Power Plants, Shantung Province, June 1966,
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